

MCDR INSPECTION**1.0 GENERAL**

SN	Particulars	Details
1	Name of the Mine	Chorbedi- 1 Limestone Mines
1(a)	Name of the Lessee	Shree Digvijay Cement Co. Ltd.
1(b)	Name of Inspecting officer & Designation	Shri Mohammad Nimar (Deputy Controller of Mines)
1(c)	Accomp. Official	Mr. Manish Kumar Upadhyay (Sr.GM-Mines), Mr. Mahesh Kumar Khedekar (Dy. Manager Geology), Mr. Dharmendra Kumar Bansal Manager (Mines)
1(d)	Date & Type of Inspection	18.07.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest – 178.0 Ha. Forest – 76.89 Hectares Total – 254.89 Ha.
3	Mine code	38GUJ07007
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/95/2011
5	Name of the lessee, Address, phone, email and fax number	Shree Digvijay Cement Co. Ltd. Digvijaygram, Sikka, Jamnagar, Mob- 7861880790 Email – manishkumar.upadhyay@digvijaycement.com Fax - 02882344092
6	Village	Chorbedi
7	Taluka/Mandal	Lalpur
8	District	Jamnagar
9	Pincode	361170
10	State	Gujarat
11	Post office	Lalpur
12	Nearest police station	Lalpur
13	Nearest Railway station	Lalpur
14	Date of Grant of Mining Lease	01.06.1983 Lease term extended till 06/11/2033 vide MCR-1579-(D-30)-4107-Chh.1, dated 14/06/2017
15	Date of Execution	07.11.1983
16	Date of opening of Mine	03.02.1984
17	Date of first Renewal, if applicable and its period & expiry	N/A
18	Date of second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N/A
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri R Krishna Kumar , C.E.O & M.D Shree Digvijay Cement Co. Ltd. Digvijaygram, Jamnagar Phone No: 0288-2344072-75 r.krishnakumar@digvijaycement.com, Fax no 0288 -2344092 Date of appointment 16.12.2023.
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Manish Kumar Upadhyay , Shree Digvijay Cement Co. Ltd., Digvijaygram, Jamnagar Phone No: 0288-2344072-75 manishkumar.upadhyay@digvijaycement.com Fax no: 0288-2344092 Date of appointment 16.12.2023
22	Name of the Mines Manager	Shri Dharmendra Kumar Bansal , Manager (Mines) Chorbedi-1

	with Address, phone, email, fax number and date of appointment in mines	Limestone Mines, Shree Digvijay Cement Co. Ltd. Village – Chorbedi, Taluka-Lalpur, Dist.- Jamnagar, Gujarat, Mobile - 9510974772 email – dharmendra.kbansal@digvijaycement.com, Date of Appointment – 16.12.2023
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Dharmendra Kumar Bansal , Mining Engineer Chorbedi-1 Limestone Mines, Shree Digvijay Cement Co. Ltd. Village – Chorbedi, Taluka-Lalpur, Dist.- Jamnagar, Gujarat, Mobile - 9875156625 email – dharmendra.kbansal@digvijaycement.com, Date of Appointment – 16.12.2023 8 Years
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Geologist – Shri Mahesh Kumar Khedkar Mining Engineer – Dharmendra Kumar Bansal
25	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23)(MS-495)/2009-खनिखस(उ)उदय, dated 05/08/2009 682(23)(MS-495)/2009-खनिखस(उ)उदय, dated 14/08/2014 682(23)(MS-495)/2009-खनिखस(उ)उदय, dated 23/09/2016 684(4)(MP-203)/2019-GNR/936, dated 19/03/2019 MPCP0CaFl/53/2023-GNRIBM_RO_GNR MP-521 dated 18.01.2024
26	Mineral(s) granted in lease and proved for mining	Limestone
27	Method of Mining (Opencast, Underground)	Opencast
28	Category (Fully Mechanised, Others or Manual)	Fully Mechanised
29	Captive/Non-Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining.

Exploration:

SN	Item	Proposals (2023-24)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not Applicable	
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Not Applicable	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not proposed	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not proposed	Not Applicable	
1e	Balance reserves as on 01.04.2024: 2.90 Million Tonnes	400000 Tonnes	289134.758 Tonnes	
1f	General Remarks of inspecting officer on geology, exploration etc.	Total lease Area explored in G-1 level.		

2.0 Development

SN	Item	Proposals (2023-24)	Actual work	Remarks
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2a	Location of development w.r.t. lease area	Nmax: 242989 mN Nmin: 242657 mN Emax: 603876 mE Emin: 603179 mE	22.086871N 70.001102E & 22.087075N,70.003199E	Within the proposed Area
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Not proposed	Not Applicable	Negligible topsoil
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m3	50 m ³	50 m ³	Used in plantation
2e	Quantity of overburden generation in m3	Not proposed	Not Applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development of pit has been carried out as per proposal. Top soil generated is used for plantation purpose.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work	Remarks
3a	Number of pits proposed for production	Pit No- P-03	P-03 22.087060N,70.001162E & 22.087800N, 70.004397E	Approx pit dimension 5000 x 200 x 6 m
3b	Quantity of ROM mineral production proposed	4,00,000 MT	289134.758 MT	
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	Not proposed	Not Applicable	No Mineral Reject
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Not Applicable	No Mineral Reject
3f	Quantity of sub-grade mineral generation	Not proposed	Not Applicable	No Sub grade Mineral
3g	Grade of sub-grade mineral generation	Not proposed	Not Applicable	No Sub grade Mineral
3h	Manual / Mechanised method adopted for segregating from ROM	Fully Mechanised	Fully Mechanised	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Not Applicable	
3j	Provision of drilling &	Not proposed.	Not Applicable	Eco-Friendly

	blasting in mineral benches			mining by use of Ripper & Dozer is proposed
3k	Provision of mining machineries in mineral benches	Yes	As per proposal	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes O/B – NA Ore – 6.0 m	Yes O/B – NA Ore – 4-5 meters	No overburden hence No bench in overburden
3m	Total area covered. under excavation/pits	44.3672 Ha	33.310 Ha(7.875 Ha during the year 2023-24)	
3n	Ore to OB ratio for the pit/mine during the year 2023-24	1:0	1:0	
3o	Total area put in use under different heads at the end of year 2023-24	44.3672Ha Waste/reject - Nil Others- 2.1388 Ha	Pit- 34.167 Ha Waste/reject -Nil Others- 2.058 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	Yr-2020-21-400000 MT Yr-2021-22-400000 MT Yr-2022-23-400000 MT Yr-2023-24-400000 MT	Yr-2020-21-68235.716 MT Yr-2021-22 -391996.603 MT Yr-2022-23-297860.670 MT Yr-2023-24- 289134.758 MT	
3q	General remarks of inspecting officer on method of mining etc.	Mining by use of Ripper & Dozer with combination of Excavator/Loader with Dumpers. No blasting is practised as proposed.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Not proposed	Not Applicable	.
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	No OB & Mineral reject	
4c	Number of dumps within lease area and outside lease area	Not proposed Not proposed	Not Applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Not Applicable	
4e	Number of active & alive dumps	Not proposed	Not Applicable	
4f	Number of dead dumps	Not proposed	Not Applicable	
4g	Number of dumps established	Not proposed	Not Applicable	

4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Not Applicable	
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Not Applicable	
4j	Number of settling ponds	Not proposed	Not Applicable	
4k	Specific comments of inspecting officer	No Over burden, mineral rejects proposal & generation.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2023-24)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Not Applicable	
5b	Area under backfilling of mined out area	Not proposed	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No work done as per proposal.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.	As per rule	Submitted on 22-06-2024 along with Annual Return.	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation	ii) 0.45 Ha iii) 800 Nos iv) 18040 Nos (v) Reservoir. Nil Ha.	ii) 0.45 Ha iii) 1000 Nos iv) 18040 Nos (v) Reservoir. 6.1 Ha.	

8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	Not Applicable	
8b	Concurrent use or storage of topsoil	Not proposed	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	800 Nos of sapling to be planted every year	1000 Nos of sapling planted in 2023-24	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Lease area rocky and deprived of vegetation. As per proposal 800 plants to be planted per year.	Yes	
8g	Survival rate	As per Proposal	80%	
8h	Water sprinkling on roads to control airborne dust	Dust suppression to be done.	Dust suppression done by using water tankers.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	General mine environment is satisfactory.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Online Monthly and Annual returns	M.R. Submitted of July (DoS)- 05-08-2024 A.R. 2023-24 submitted on 22-06-2024	Submitted within stipulated time limit.

S.N	Item	Details GIVEN in A.R. 2023-2024	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Geologist – Shri Mahesh Kumar Khedkar Mining Engineer – Dharmendra Kumar Bansal	
9c	Scrutiny of Annual return on land use	Already exploited and abandoned by opencast (O-C) mining 10.077	

	pattern for area under pits, reclaimed area, dumps etc.	(ii) Covered under current (O-C) Workings 34.167 (iii) Reclaimed-rehabilitated 7.770 (iv) Occupied by plant, buildings, residential, welfare buildings and roads 2.058 (v) Used for any other purpose 10.000 (vi) Work done under progressive mine closure plan during the year 0.450	
9d	Scrutiny of Annual return on afforestation	1000 planted during the year total plantation 18040	
9e	Scrutiny of Annual return on mineral reject generation II(Grade & quantity)	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Rs 197.53	
9i	Scrutiny of Annual return on fixed assets	266790	
9k	Scrutiny of Annual return on mining machineries	Dozer 306.000 Hp 1 Shovel 1.000 Cum 1 Water Tanker 4000.000 Litre 1 Jeep/Tractor 63.000 Hp 1 Truck 26.000 Tonne 34	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -

- (i) During the F/y year 2022-23 violation of Rule11(1) was pointed out. Violation was sent on 27-03-2024 and the same has been complied on 30-04-2024
- (ii) During current F/y, violation of Rule 45(5)(c) found out and the same has been sent on 09.09.2024 and complied on 01-10-2024.
- (iii) Drone data submitted is checked and found that Area of mining features cannot be calculated hence referred back on DDMS portal.

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